



work cell simulation +manufacturing

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ieeexplore.ieee.org... The simulation language used was SIMAN which has ... especially for use in simulating  
manufacturing systems. ... arrivals of lots to the photolithography work cell. ...

Cited by 10 - Web Search - ieeexplore.ieee.org

**Controlling Activities in a Virtual Manufacturing Cell**

M Iuliano, A Jones - Winter Simulation Conference, 1996 - portal.acm.org

... infrastructure for both the simulation models and ... This virtual manufacturing cell  
will provide a highly flexible ... extending the earlier AMRF work in integration ...

Cited by 10 - Web Search - portal.acm.org

**Agent-Based Systems for Intelligent Manufacturing: A State-of-the-Art Survey**

W Shen, DH Norrie - Knowledge and Information Systems, 1999 - eurescom.de

... of multi-agent techniques, simulated annealing, and simulation. ? ... two types of  
distributed manufacturing scheduling systems ... resource (eg, a work cell, a machine ...

Cited by 161 - Cached - Web Search

**Aexible simulation tool for manufacturing cell design, II: Response-surface analysis and case  
study**

M IRIZARRY, J WILSON, J TREVINO - IIE Transactions, 2001 - kluweronline.com

... A key feature of this work was the formulation of ... cost function to measure overall  
cell performance ... of the qualitative input factors, a simulation metamodel was ...

Cited by 8 - Web Search - springerlink.com - eos.ncsu.edu - ncsu.edu - all 5 versions »

**Virtual Testing of Agile Manufacturing Software Using 3D Graphical Simulation**

JY Jo, Y Kim, A Podgurski, WS Newman - Proc. IEEE Int. Conf. on Robotics and Automation - ieeexplore.ieee.org

... off-line development of agile manufacturing control software [5]. The graphical  
simulation helps to ... is transferred to the actual work-cell with few ...

Cited by 8 - Web Search - dora.eeap.cwru.edu - ieeexplore.ieee.org

**Collaboration technologies for global manufacturing**

MP Steves, AJ Knutilla - AM SOC MECH ENG MANUF ENG DIV MED, 1999 - mel.nist.gov

... with alternatives (eg, using integrated simulation tools, etc ... Within a manufacturing  
site, a welding ... standards between welding work cell components, controllers ...

Cited by 11 - View as HTML - Web Search - amtech.org.cn - nist.gov - csa.com

**Applications for enterprise simulation**

RR Mielke - Winter Simulation Conference, 1999 - vmasc.odu.edu

... the input to the wax work cell is made ... operations, supply chain management,  
entertainment, and manufacturing. ... a number of enterprise simulation projects over ...

Cited by 7 - View as HTML - Web Search - ieeexplore.ieee.org - portal.acm.org - csa.com - all 5 versions »

**Multicriteria design and control of a cellular manufacturing system through simulation and ...**JS Shang, PR Tadikamalla - International Journal of Production Research, 1998 - taylorandfrancis.metapress.com  
... a cellular manufacturing system through simulation and optimization ... focuses on

single-criterion cell configuration ... flow time, waiting time, and work-in-process ...

Cited by 9 - Web Search

**A simulation-based work order release mechanism for a flexible manufacturing system**

DJ Muller, JK Jackman, C Fitzwater - Proceedings of the 22nd conference on Winter simulation, 1990 - portal.acm.org

... reports can be generated during any simulation run based ... material due date requirements • Vertical turning cell schedule • Work order completion ...

Cited by 4 - Web Search - ieeexplore.ieee.org - ieeexplore.ieee.org - portal.acm.org

**Agile manufacturing: a framework for research and development**

A Gunasekaran - International Journal of Production Economics, 1999 - graco.unb.br

... the agile system is a flat dynamic network in structure ... concepts used can be validated using computer-aided simulation and a full scale manufacturing cell. ...

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